

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027722.D
 Acq On : 02 Sep 2022 14:58
 Operator : SY/MD
 Sample : N4404-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD0

Quant Time: Sep 03 05:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 03 05:30:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

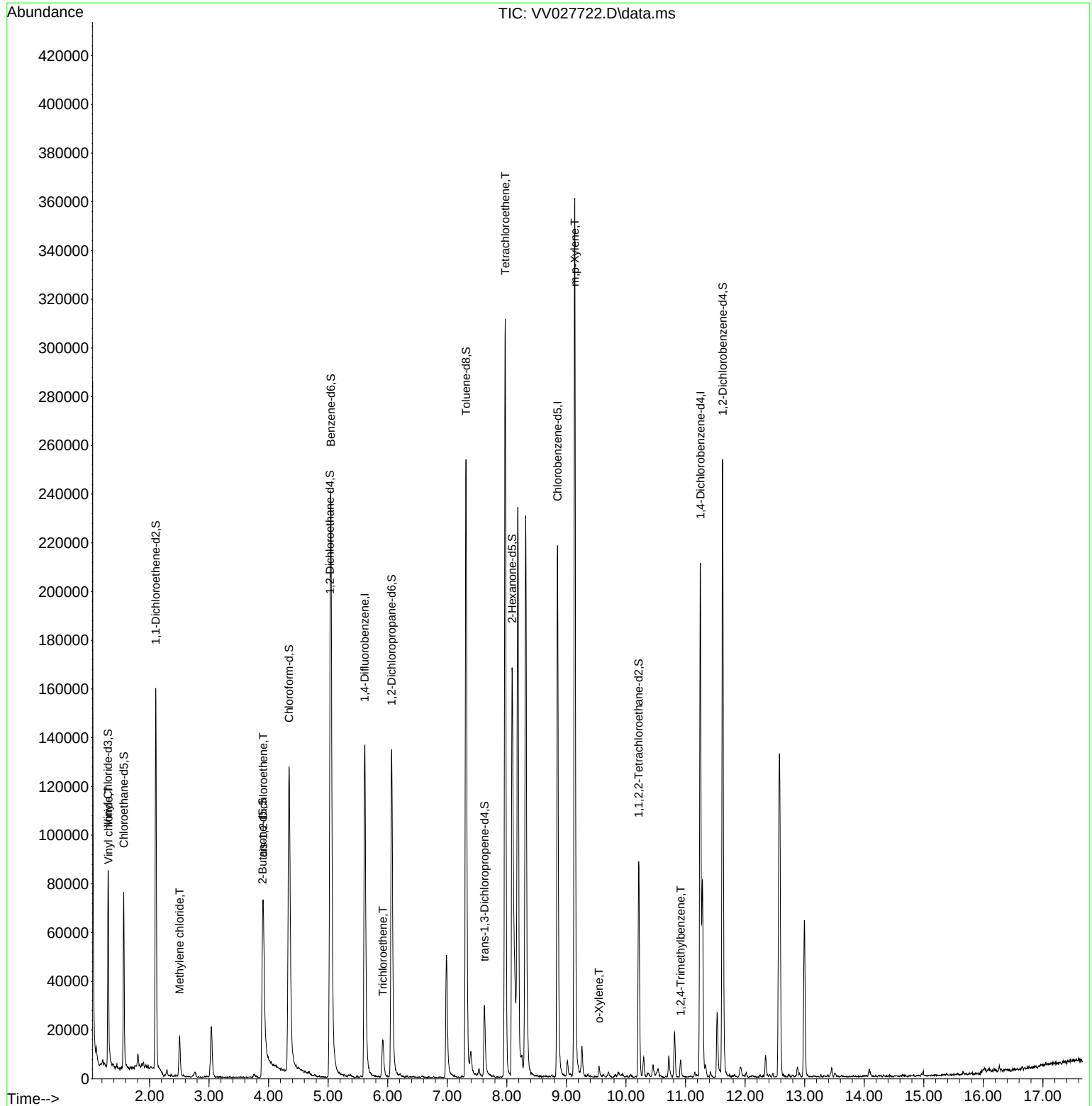
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	121846	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	122766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52264	3.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.568	69	49092	4.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.105	63	84318	3.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	3.895	46	61323	27.401	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	54.800%
24) Chloroform-d	4.342	84	115403	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.030	65	54996	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.043	84	222287	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.066	67	64960	4.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.313	98	173446	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.622	79	19070	3.980	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.088	63	79335	44.027	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42535	4.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	63893	5.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	7426	0.491	ug/L	# 82
16) Methylene chloride	2.506	84	6324	0.493	ug/L	87
22) cis-1,2-Dichloroethene	3.908	96	29261	2.543	ug/L	88
34) Trichloroethene	5.918	95	5027	0.427	ug/L	95
47) Tetrachloroethene	7.973	164	68699	7.198	ug/L	97
53) m,p-Xylene	9.140	106	100091	5.375	ug/L	94
54) o-Xylene	9.545	106	1196	0.067	ug/L	79
63) 1,2,4-Trimethylbenzene	10.918	105	4104	0.122	ug/L	94

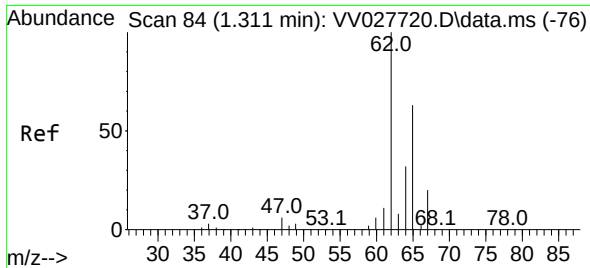
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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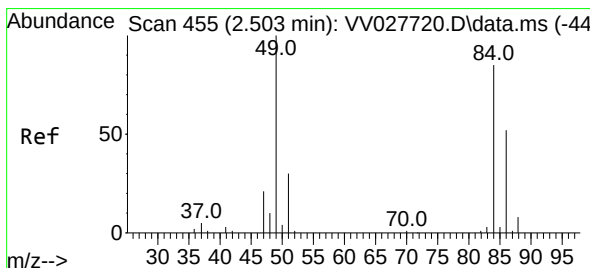
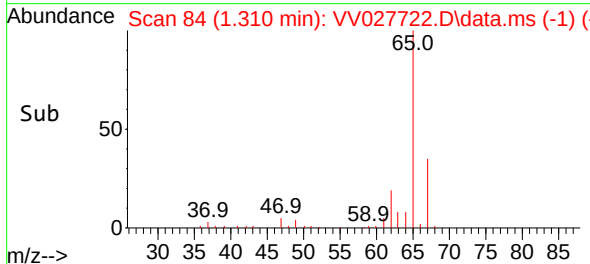
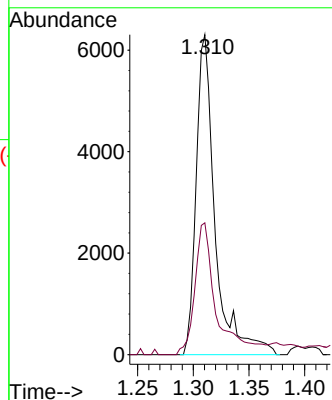
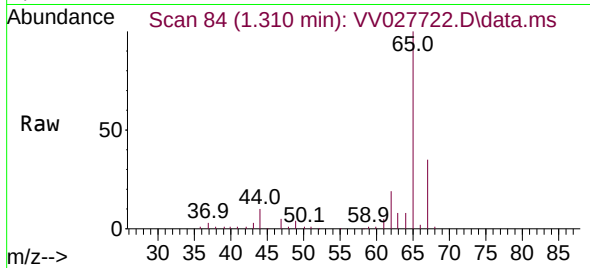




#5
 Vinyl chloride
 Concen: 0.491 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027722.D
 Acq: 02 Sep 2022 14:58

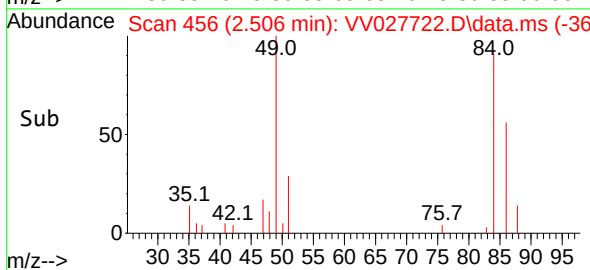
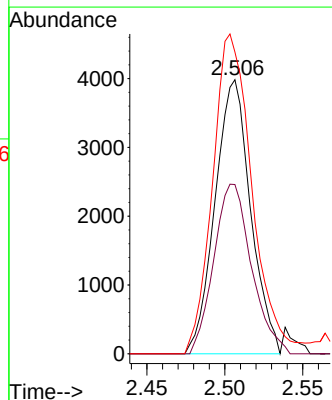
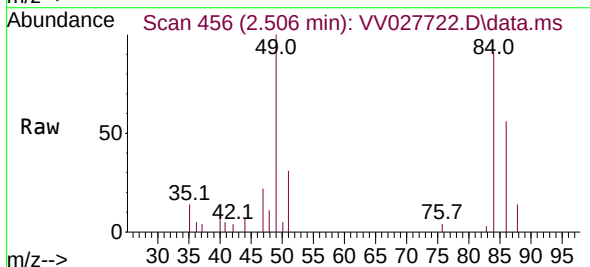
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD0

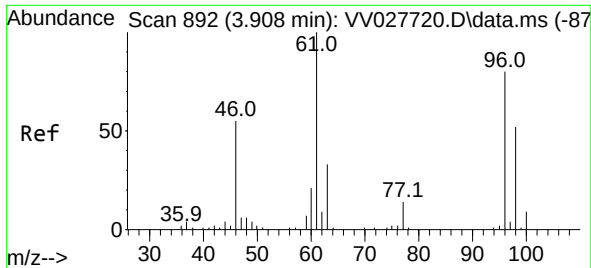
Tgt Ion: 62 Resp: 7426
 Ion Ratio Lower Upper
 62 100
 64 41.2 21.8 40.4#



#16
 Methylene chloride
 Concen: 0.493 ug/L
 RT: 2.506 min Scan# 456
 Delta R.T. 0.003 min
 Lab File: VV027722.D
 Acq: 02 Sep 2022 14:58

Tgt Ion: 84 Resp: 6324
 Ion Ratio Lower Upper
 84 100
 86 61.8 43.9 81.5
 49 110.1 92.5 171.7

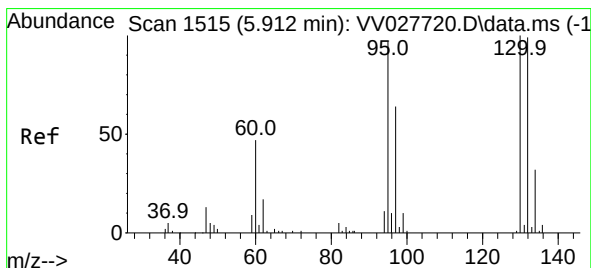
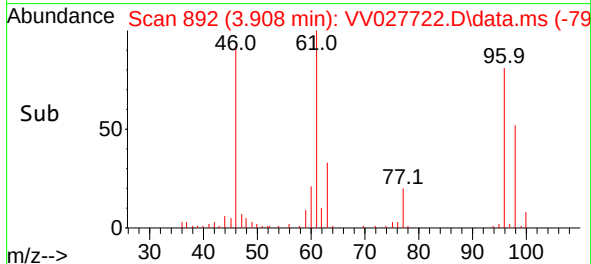
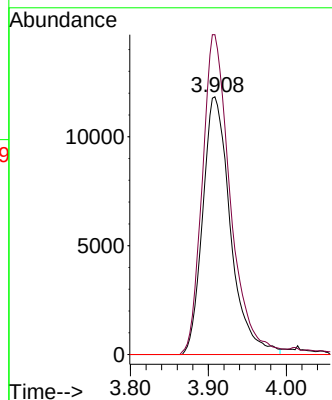
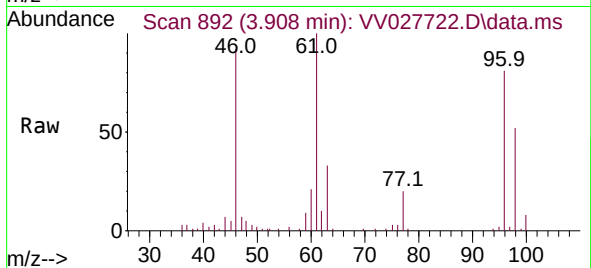




#22
 cis-1,2-Dichloroethene
 Concen: 2.543 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV027722.D
 Acq: 02 Sep 2022 14:58

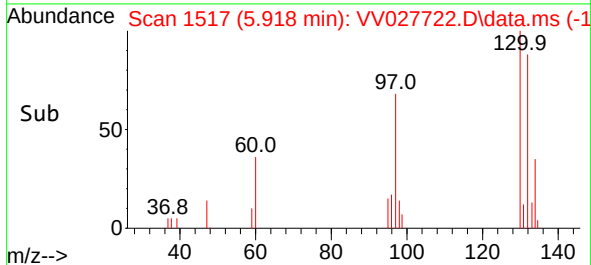
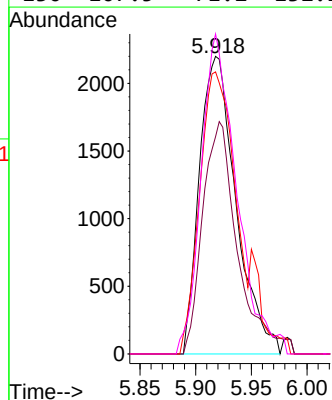
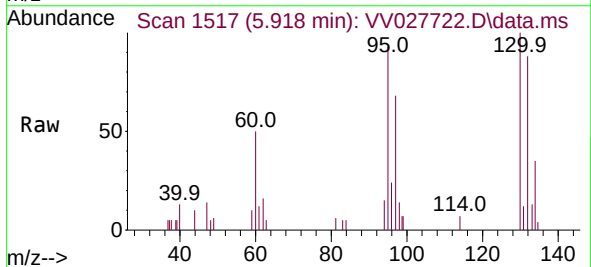
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD0

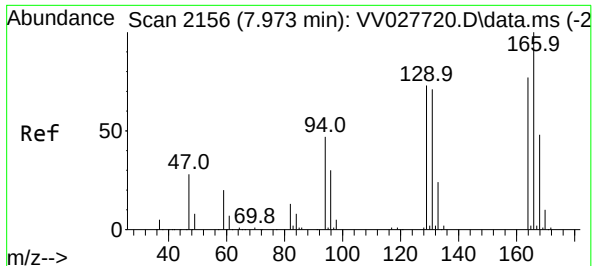
Tgt Ion: 96 Resp: 29261
 Ion Ratio Lower Upper
 96 100
 61 124.0 96.9 180.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.427 ug/L
 RT: 5.918 min Scan# 1517
 Delta R.T. 0.006 min
 Lab File: VV027722.D
 Acq: 02 Sep 2022 14:58

Tgt Ion: 95 Resp: 5027
 Ion Ratio Lower Upper
 95 100
 97 73.0 46.1 85.5
 132 94.8 67.3 125.1
 130 107.5 71.2 132.2





#47

Tetrachloroethene

Concen: 7.198 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027722.D

Acq: 02 Sep 2022 14:58

Instrument :

MSVOA_V

ClientSampleId :

DBVD0

Tgt Ion:164 Resp: 68699

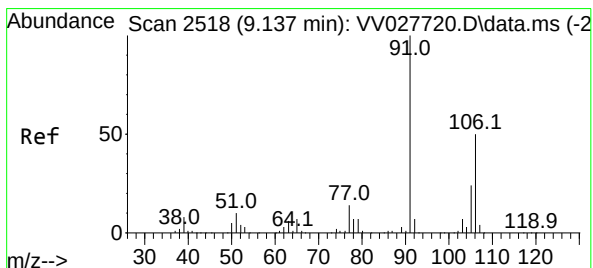
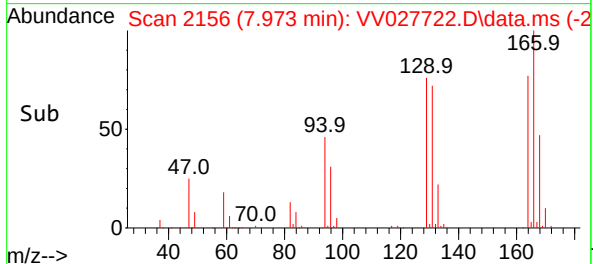
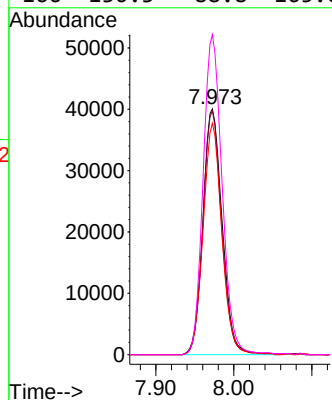
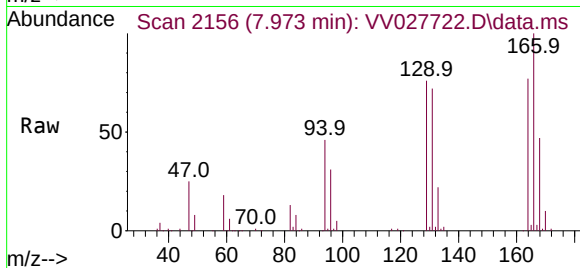
Ion Ratio Lower Upper

164 100

129 99.3 65.9 122.3

131 94.2 64.5 119.7

166 130.3 88.8 165.0



#53

m,p-Xylene

Concen: 5.375 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV027722.D

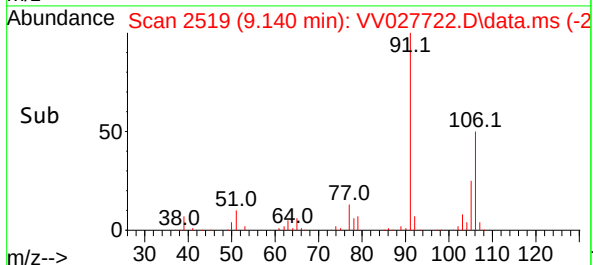
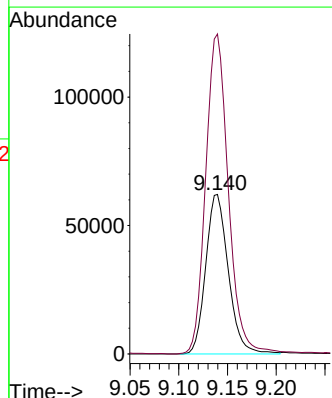
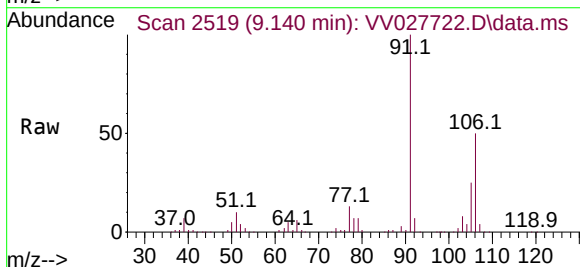
Acq: 02 Sep 2022 14:58

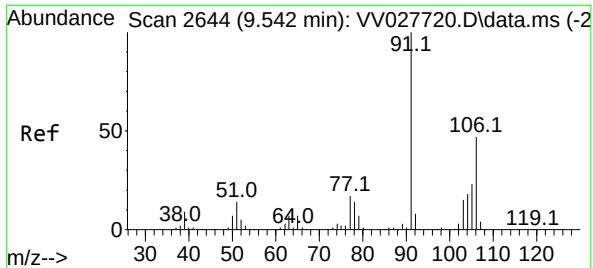
Tgt Ion:106 Resp: 100091

Ion Ratio Lower Upper

106 100

91 200.7 147.3 273.5

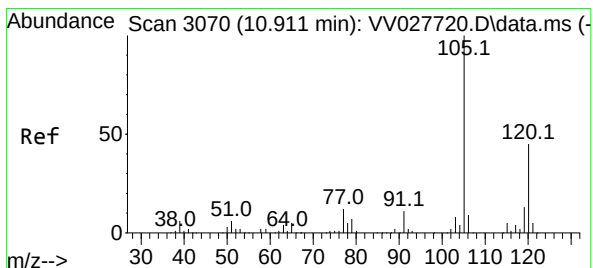
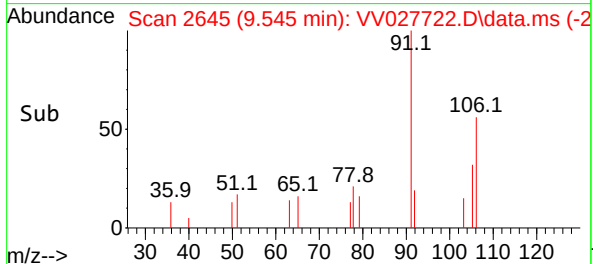
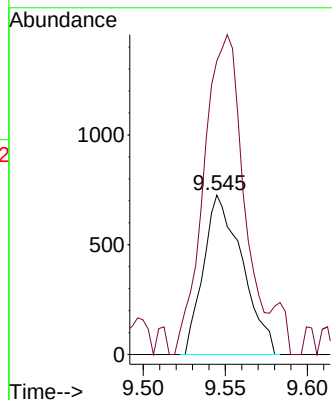
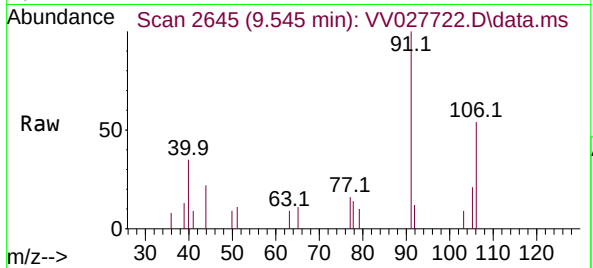




#54
o-Xylene
Concen: 0.067 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV027722.D
Acq: 02 Sep 2022 14:58

Instrument :
MSVOA_V
ClientSampleId :
DBVD0

Tgt Ion:106 Resp: 1196
Ion Ratio Lower Upper
106 100
91 184.3 152.9 284.1



#63
1,2,4-Trimethylbenzene
Concen: 0.122 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.006 min
Lab File: VV027722.D
Acq: 02 Sep 2022 14:58

Tgt Ion:105 Resp: 4104
Ion Ratio Lower Upper
105 100
120 49.0 36.1 54.1

